

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
 Data File : BE099278.D
 Acq On : 2 Apr 2019 17:34
 Operator : JU/SJ
 Sample : PB117525BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117525BL

Quant Time: Apr 03 05:17:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3945	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	13486	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7780	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	21661	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	26948	0.40	ng	-0.02
34) Perylene-d12	23.86	264	31093	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	3024	0.29	ng	-0.01
5) Phenol-d6	6.98	99	3852	0.27	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2730	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	6498	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	729	0.20	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	9349	0.31	ng	-0.01
25) Fluoranthene-d10	19.22	212	73561	0.26	ng	-0.02
29) Terphenyl-d14	19.82	244	12678	0.26	ng	-0.02

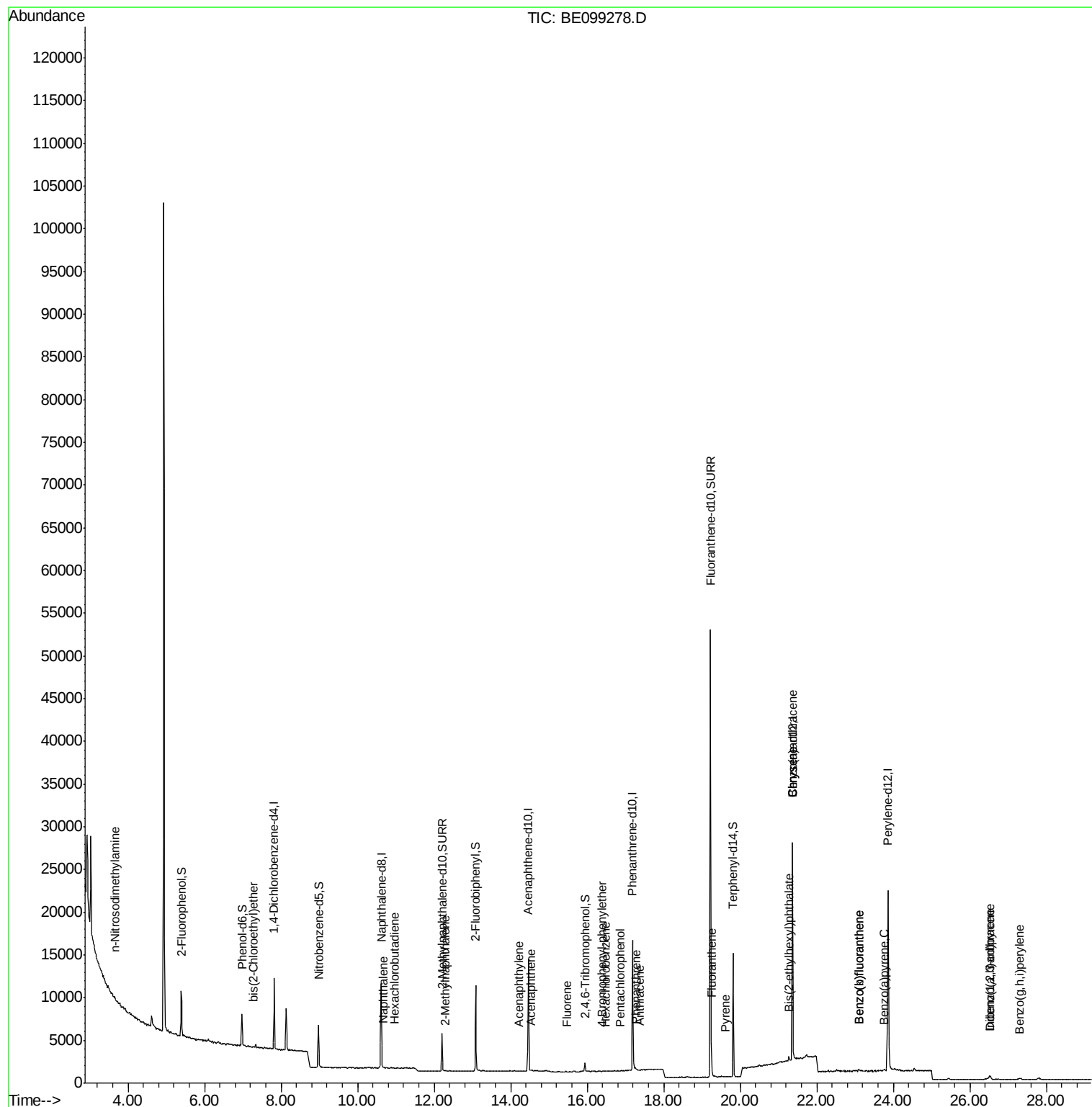
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.65	42	131	0.041	ng	# 1
6) bis(2-Chloroethyl)ether	7.28	93	21	0.002	ng	# 1
9) Naphthalene	10.67	128	36	0.000	ng	# 46
10) Hexachlorobutadiene	10.97	225	7	0.001	ng	# 1
12) 2-Methylnaphthalene	12.28	142	13	0.001	ng	# 60
16) Acenaphthylene	14.21	152	19	0.001	ng	# 3
17) Acenaphthene	14.53	154	17	0.001	ng	# 72
18) Fluorene	15.47	166	6	0.000	ng	# 1
20) 4-Bromophenyl-phenylether	16.39	248	7	0.001	ng	# 59
21) Hexachlorobenzene	16.48	284	18	0.002	ng	# 43
22) Pentachlorophenol	16.85	266	26	0.005	ng	# 76
23) Phenanthrene	17.27	178	141	0.003	ng	# 79
24) Anthracene	17.36	178	14	0.000	ng	# 1
26) Fluoranthene	19.25	202	23	0.000	ng	# 25
28) Pyrene	19.61	202	42	0.001	ng	# 90
30) Benzo(a)anthracene	21.37	228	236	0.003	ng	# 28
31) Chrysene	21.37	228	211	0.003	ng	# 35
32) Bis(2-ethylhexyl)phthalate	21.27	149	719	0.007	ng	# 69
33) Indeno(1,2,3-cd)pyrene	26.51	276	181	0.002	ng	# 1
35) Benzo(b)fluoranthene	23.10	252	136	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.10	252	136	0.002	ng	# 1
37) Benzo(a)pyrene	23.75	252	184	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.53	278	344	0.004	ng	# 1
39) Benzo(g,h,i)perylene	27.30	276	74	0.001	ng	# 23

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

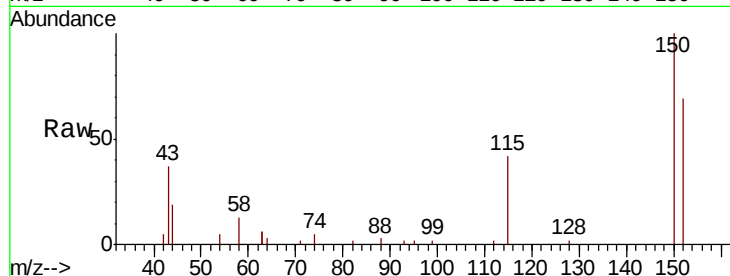
Tgt Ion:152 Resp: 3945

Ion Ratio Lower Upper

152 100

150 145.1 112.8 169.2

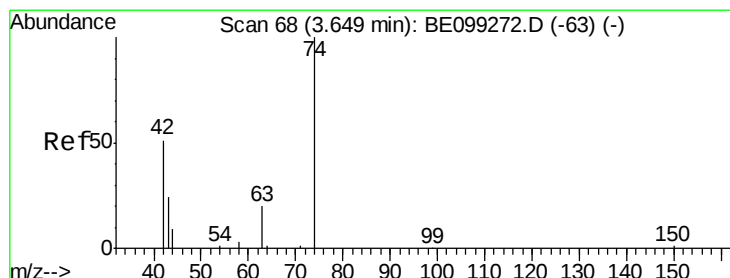
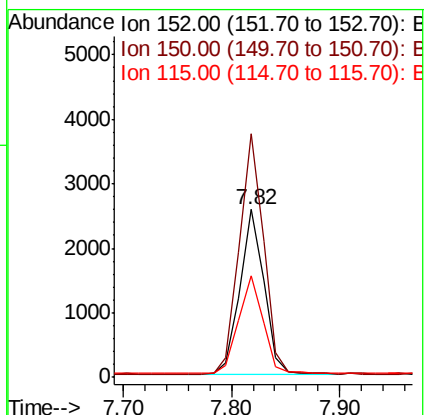
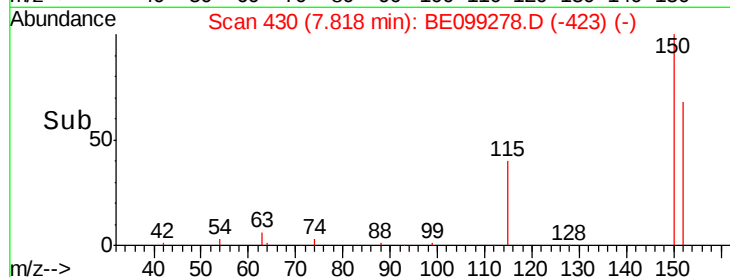
115 60.5 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.041 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

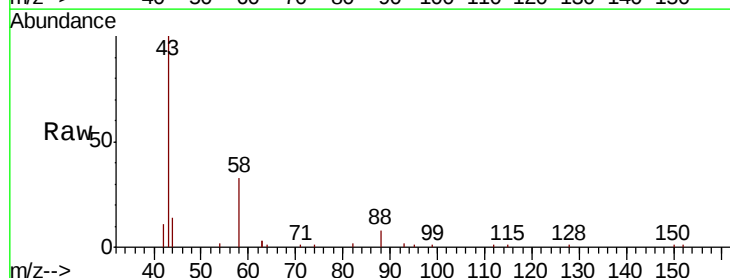
Tgt Ion: 42 Resp: 131

Ion Ratio Lower Upper

42 100

74 5.3 138.6 207.8#

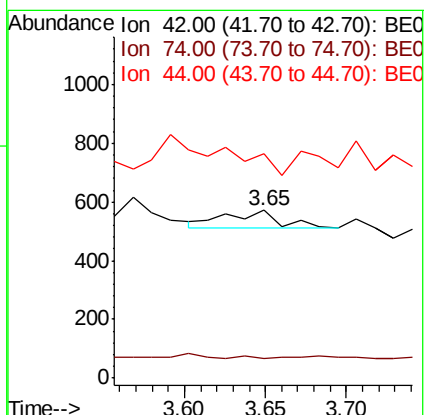
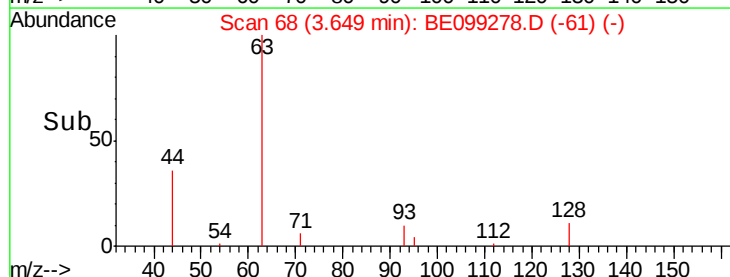
44 0.0 15.0 22.6#

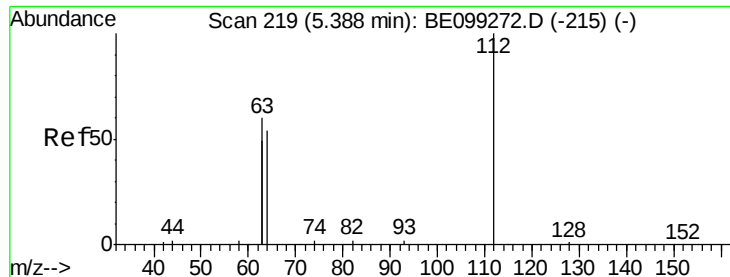


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.288 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

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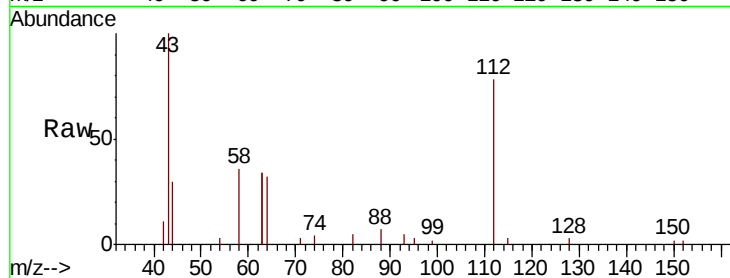
Tgt Ion: 112 Resp: 3024

Ion Ratio Lower Upper

112 100

64 56.6 46.2 69.2

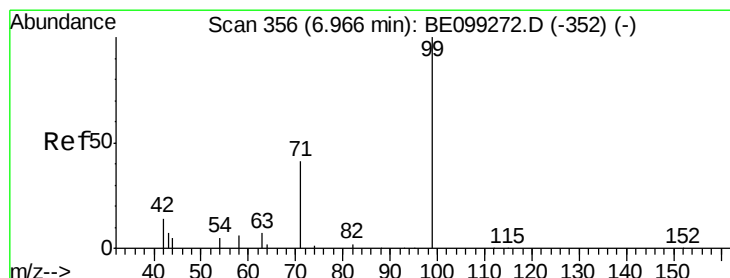
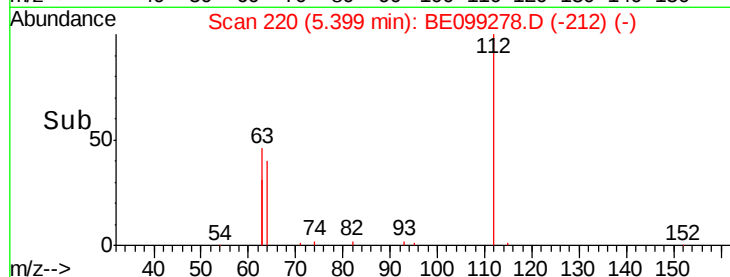
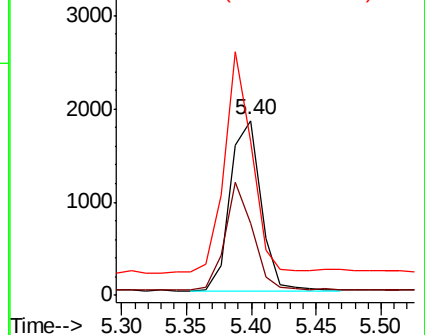
63 114.6 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.267 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

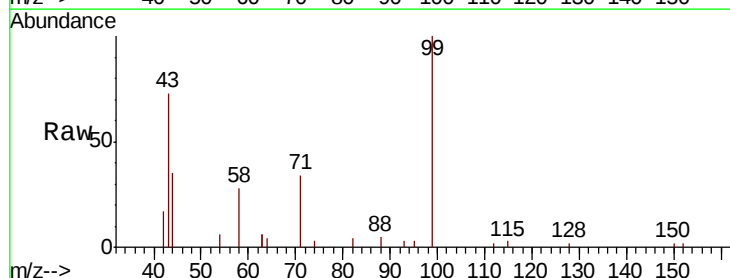
Tgt Ion: 99 Resp: 3852

Ion Ratio Lower Upper

99 100

42 14.2 12.4 18.6

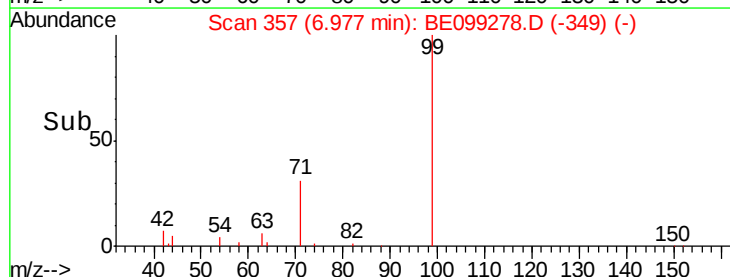
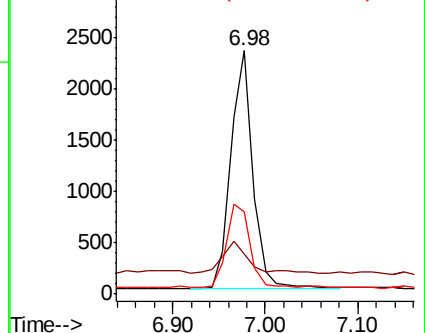
71 37.5 28.4 42.6

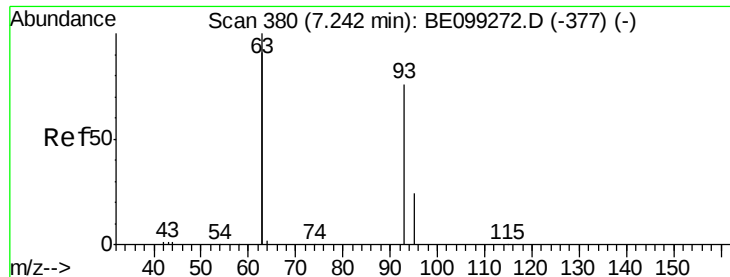


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.01 min

Lab File: BE099278.D

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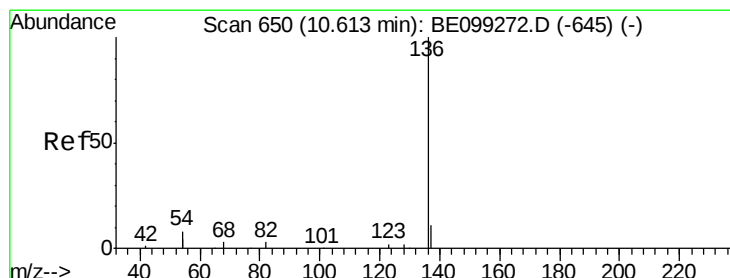
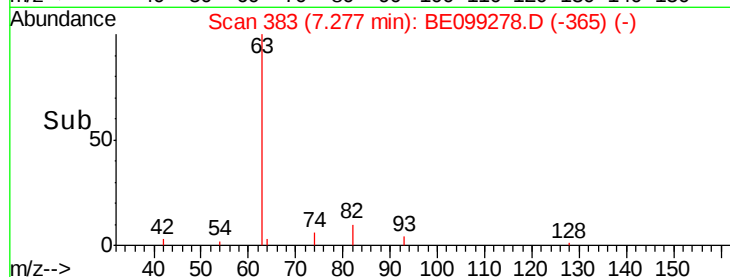
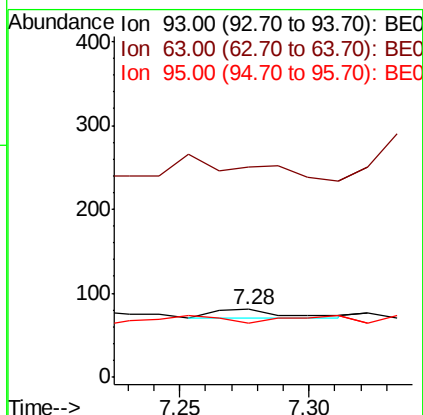
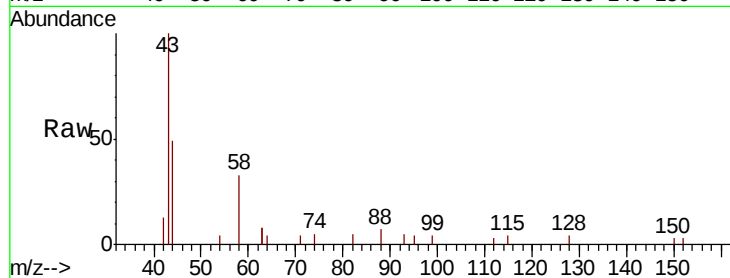
Tgt Ion: 93 Resp: 21

Ion Ratio Lower Upper

93 100

63 0.0 221.4 332.0#

95 0.0 25.8 38.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Tgt Ion: 136 Resp: 13486

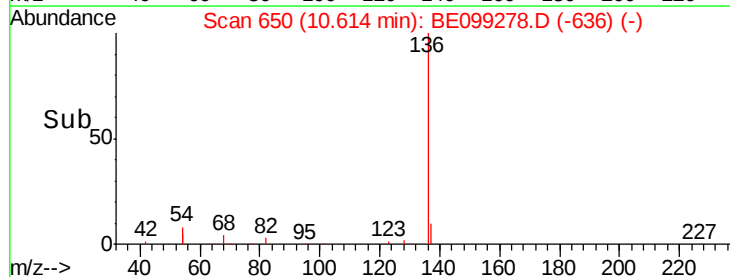
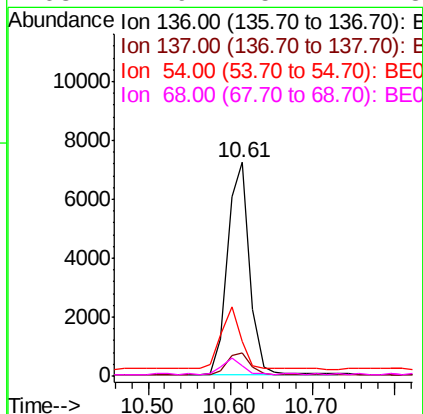
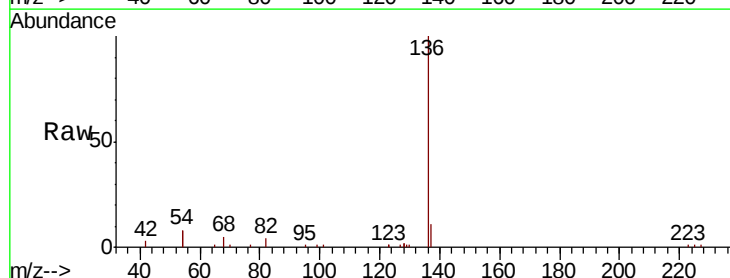
Ion Ratio Lower Upper

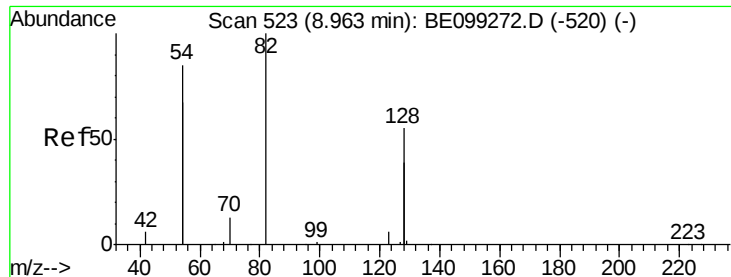
136 100

137 11.0 8.7 13.1

54 16.4 18.7 28.1#

68 4.9 5.2 7.8#





#8

Nitrobenzene-d5

Concen: 0.295 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

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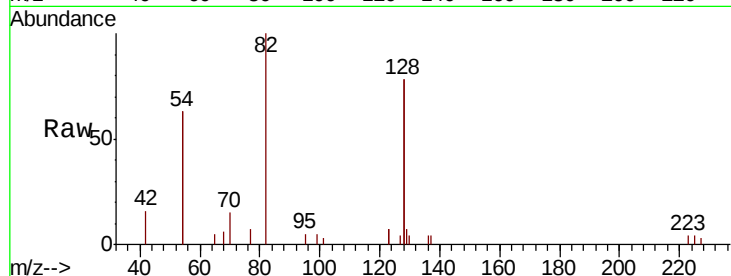
Tgt Ion: 82 Resp: 2730

Ion Ratio Lower Upper

82 100

128 155.4 107.5 161.3

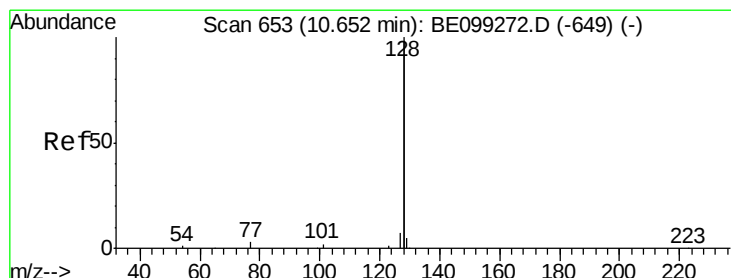
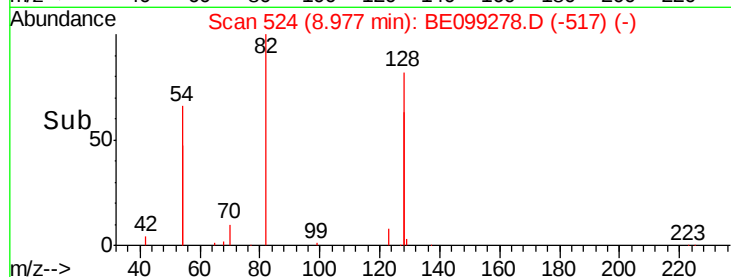
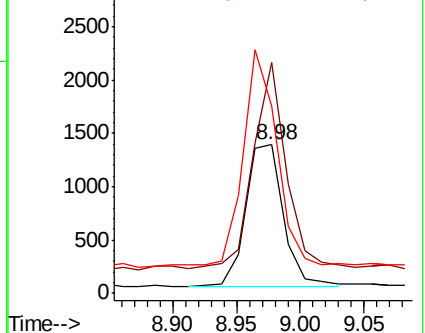
54 125.8 106.3 159.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.000 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

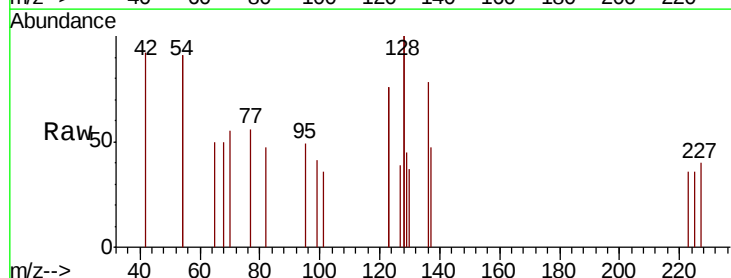
Tgt Ion: 128 Resp: 36

Ion Ratio Lower Upper

128 100

129 22.6 2.3 3.5#

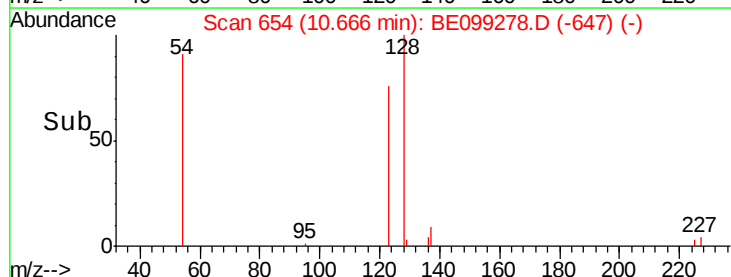
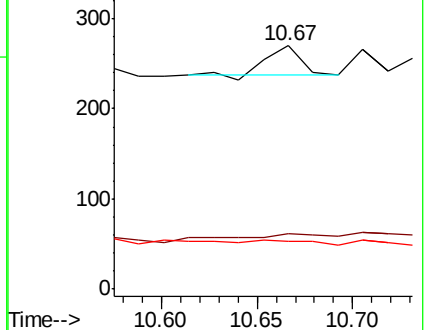
127 19.6 2.6 3.8#

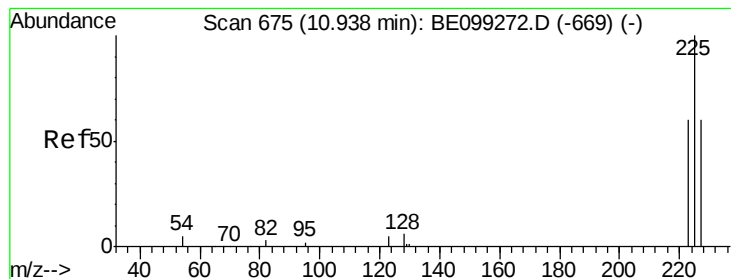


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#10

Hexachlorobutadiene

Concen: 0.001 ng

RT: 10.97 min Scan# 677

Delta R.T. 0.01 min

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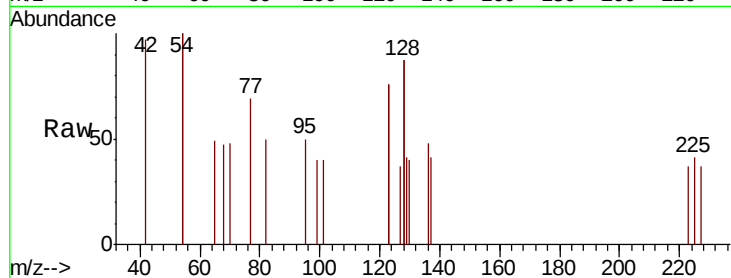
Tgt Ion: 225 Resp: 7

Ion Ratio Lower Upper

225 100

223 0.0 51.3 76.9#

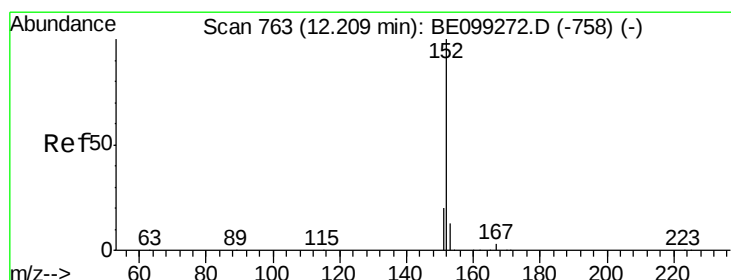
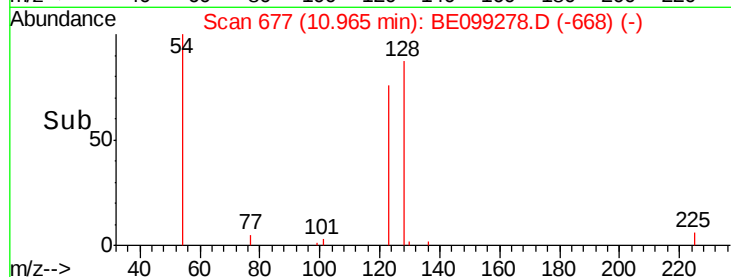
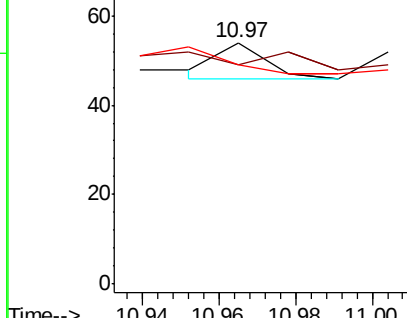
227 300.0 48.6 73.0#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.276 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099278.D

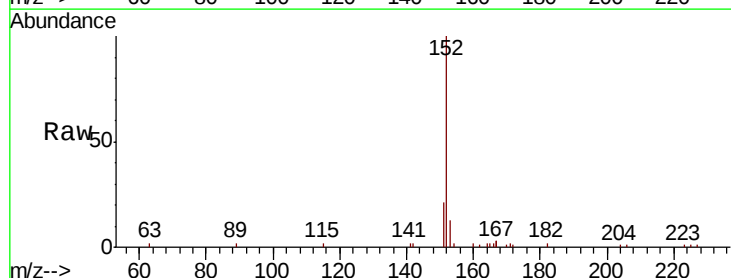
Acq: 2 Apr 2019 17:34

Tgt Ion: 152 Resp: 6498

Ion Ratio Lower Upper

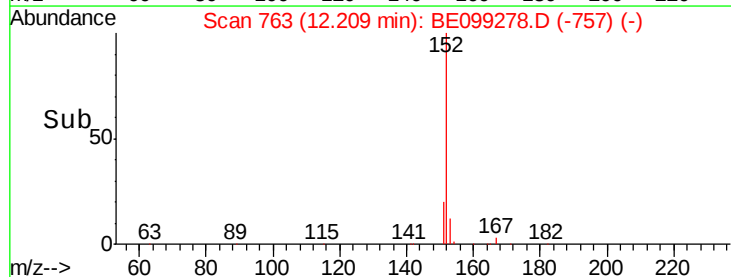
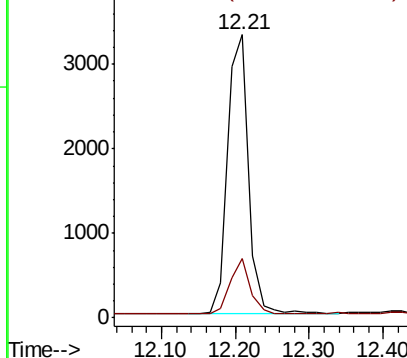
152 100

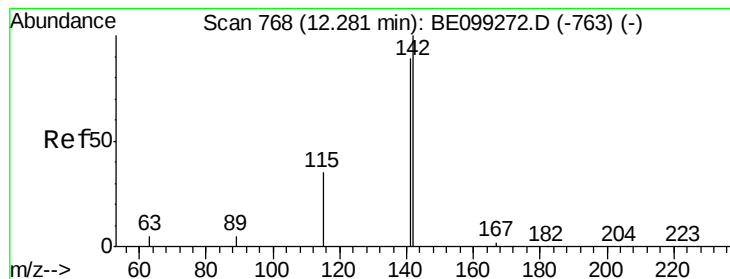
151 19.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

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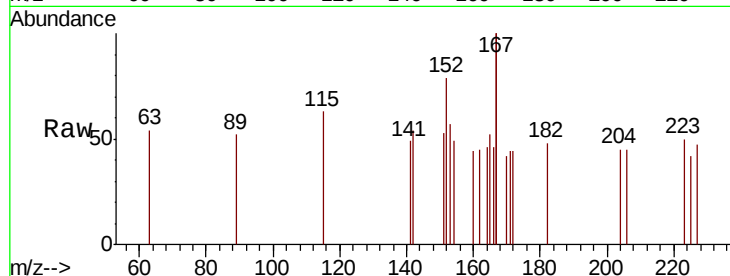
Tgt Ion:142 Resp: 13

Ion Ratio Lower Upper

142 100

141 90.0 71.3 106.9

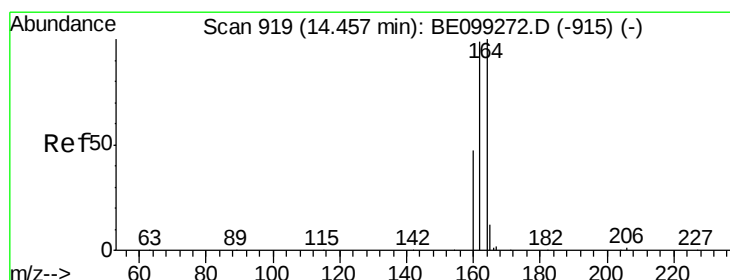
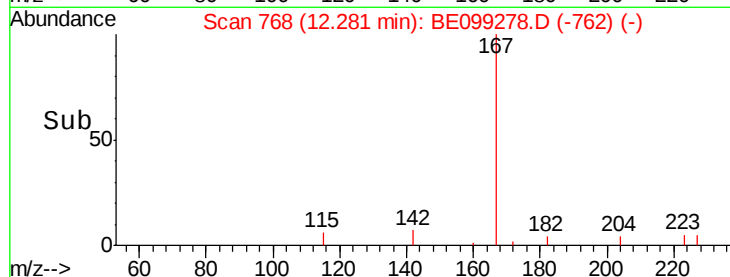
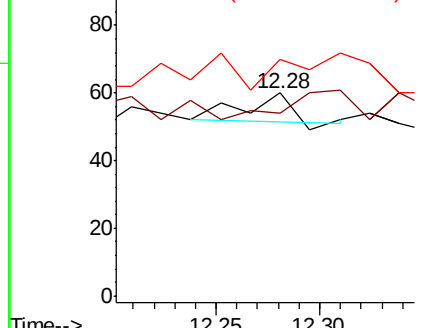
115 116.7 30.4 45.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.03 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

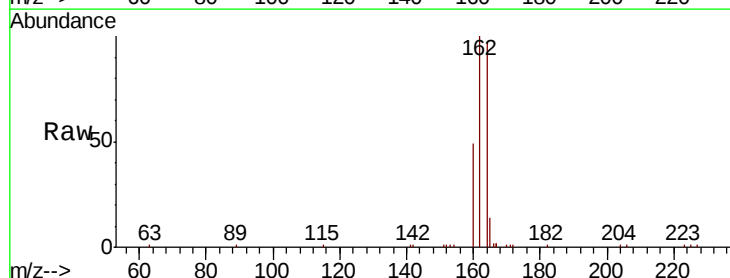
Tgt Ion:164 Resp: 7780

Ion Ratio Lower Upper

164 100

162 103.0 79.2 118.8

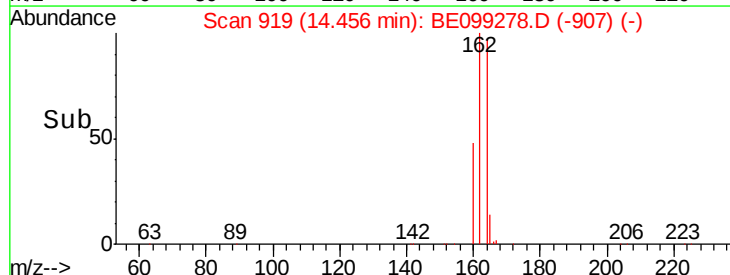
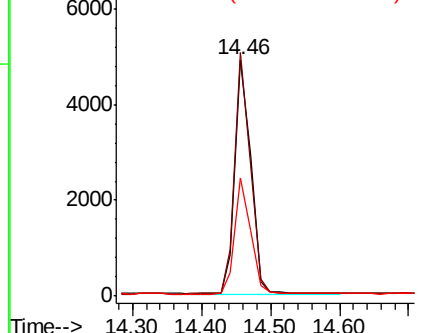
160 50.2 36.7 55.1

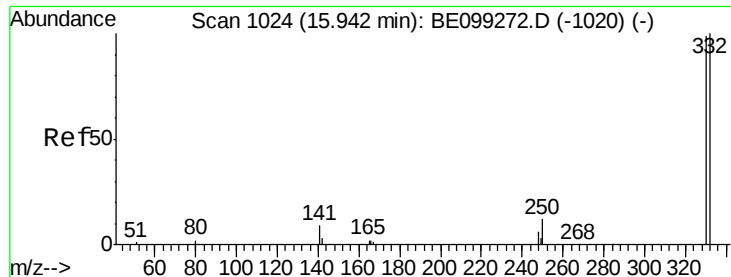


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.203 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.01 min

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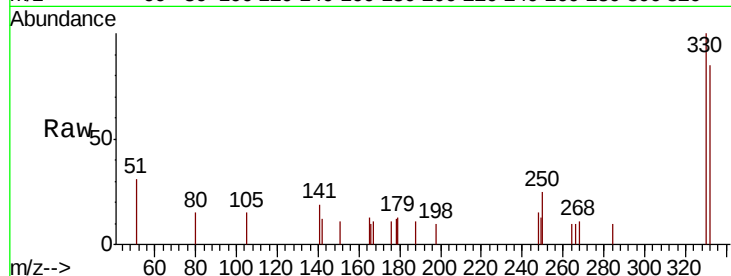
Tgt Ion:330 Resp: 729

Ion Ratio Lower Upper

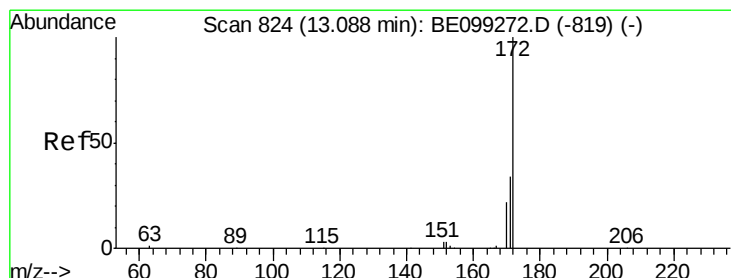
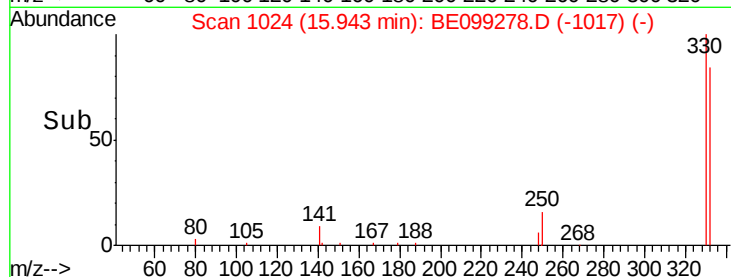
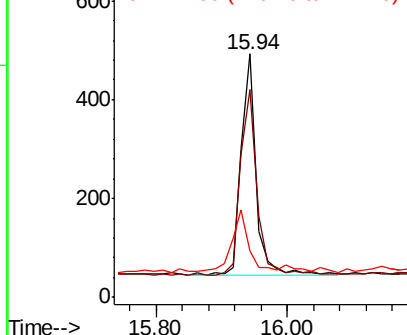
330 100

332 93.1 71.3 106.9

141 29.6 21.7 32.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.306 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

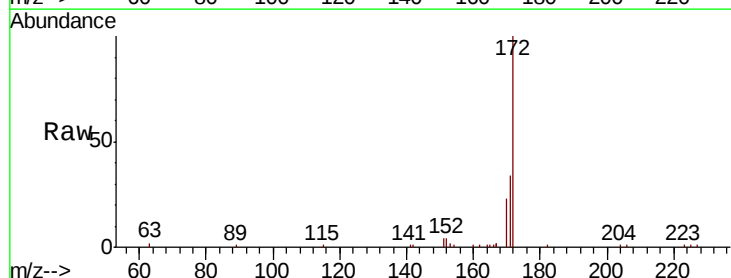
Tgt Ion:172 Resp: 9349

Ion Ratio Lower Upper

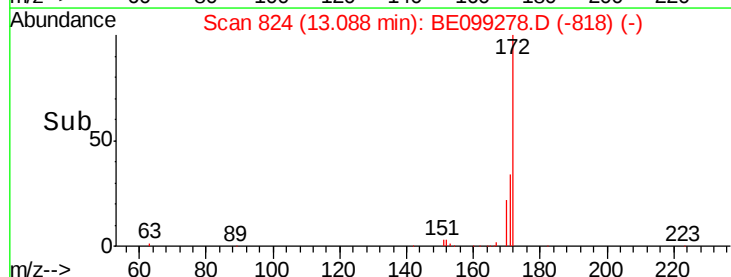
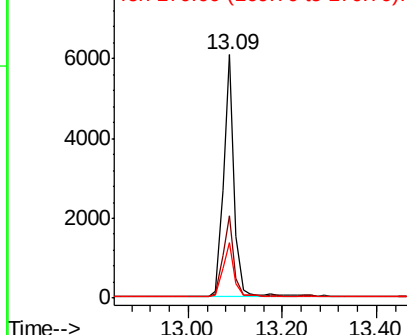
172 100

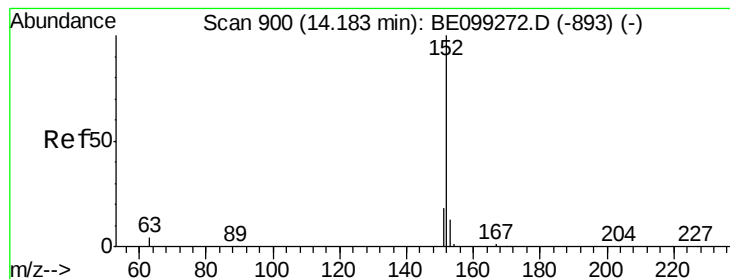
171 34.1 27.4 41.0

170 22.7 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

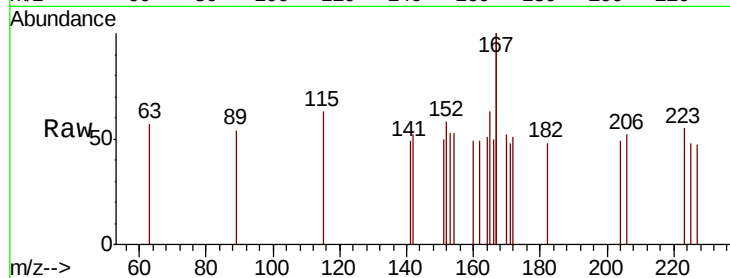
Tgt Ion:152 Resp: 19

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

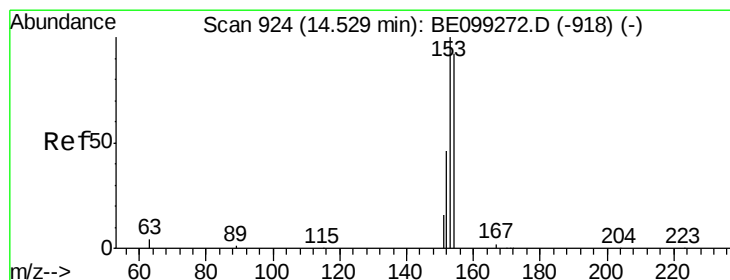
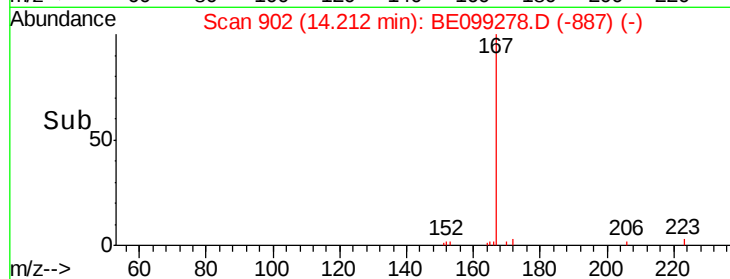
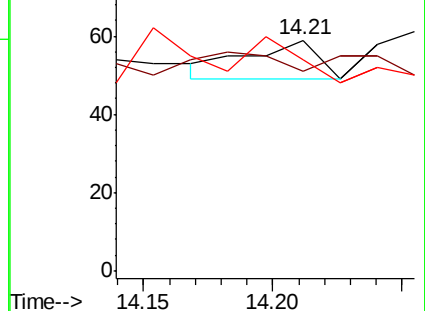
153 84.2 10.6 15.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.001 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

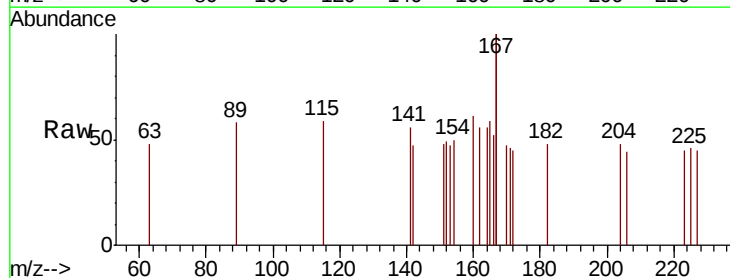
Tgt Ion:154 Resp: 17

Ion Ratio Lower Upper

154 100

153 100.0 93.4 140.0

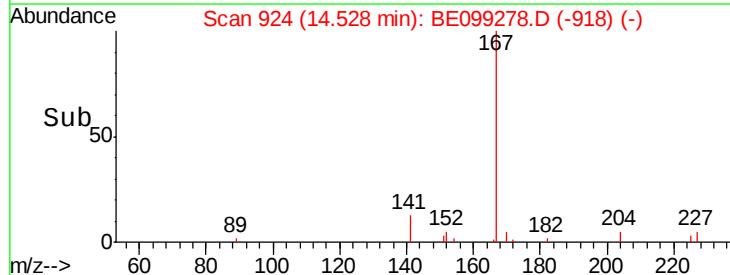
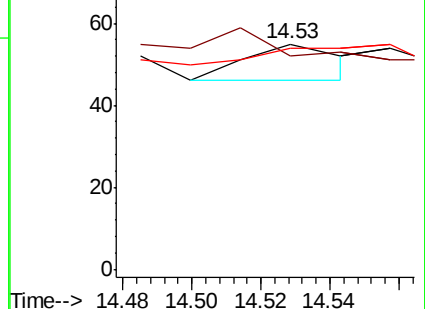
152 17.6 46.6 69.8#

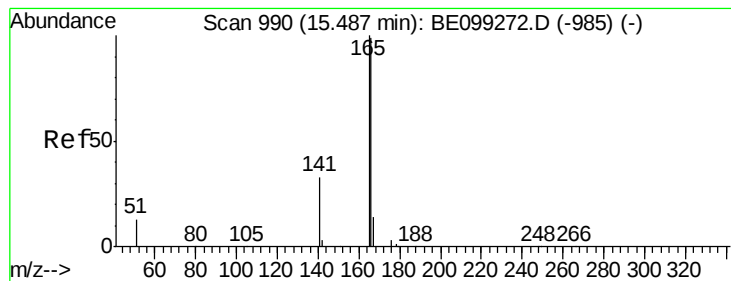


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.000 ng

RT: 15.47 min Scan# 989

Delta R.T. -0.04 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

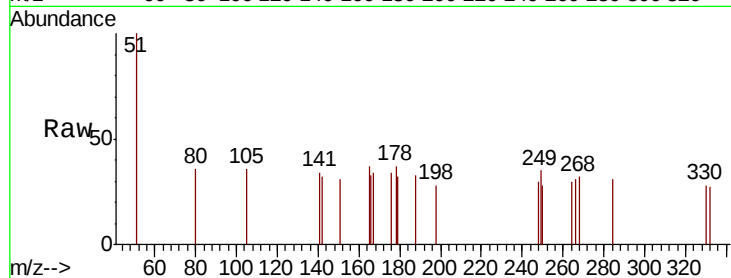
Instrument :

BNA_E

ClientSampleId :

PB117525BL

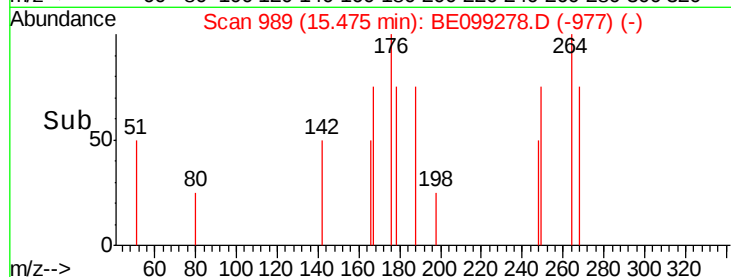
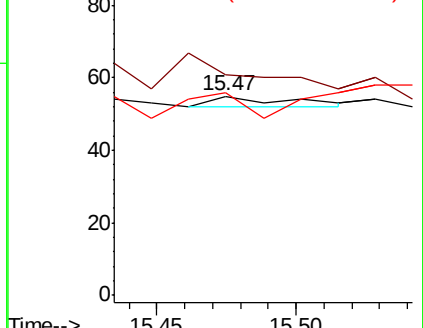
Tgt Ion:	166	Resp:	6
Ion	Ratio	Lower	Upper
166	100		
165	550.0	78.9	118.3#
167	166.7	10.9	16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

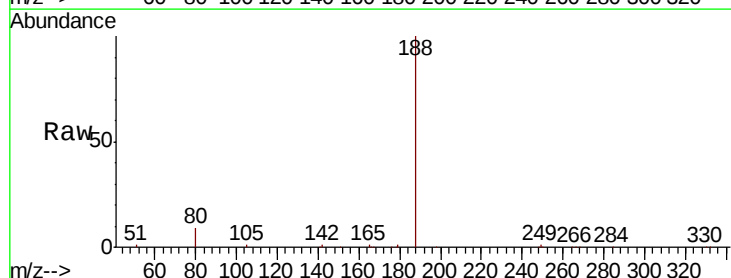
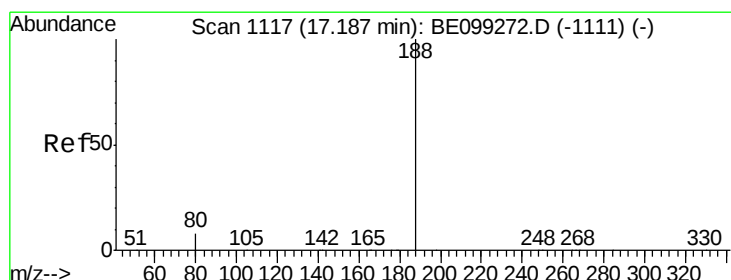
RT: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

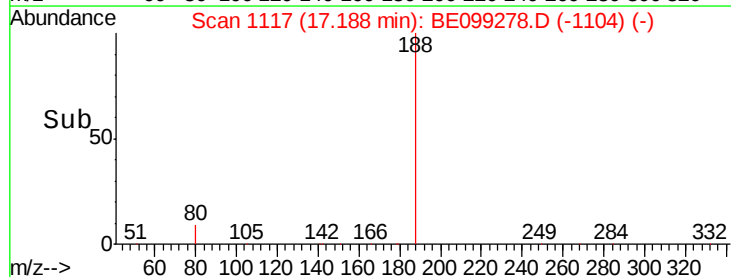
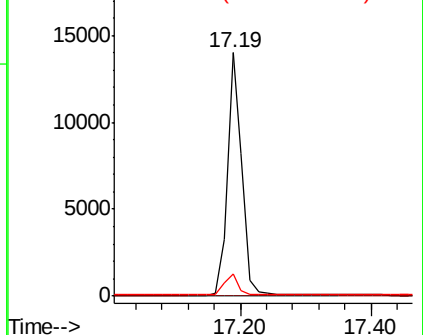
Tgt Ion:	188	Resp:	21661
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	4.5	6.7#

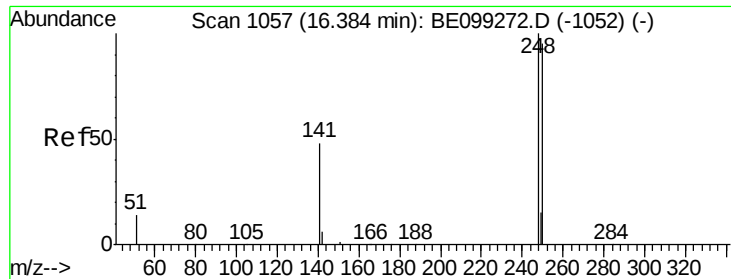


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

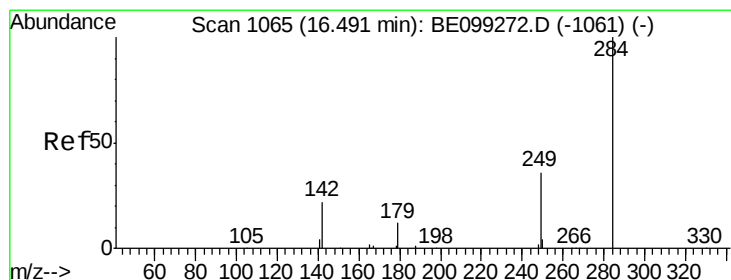
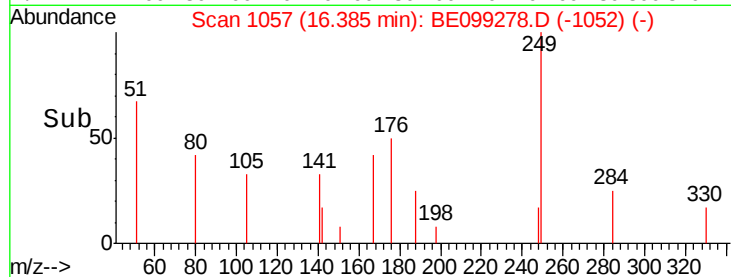
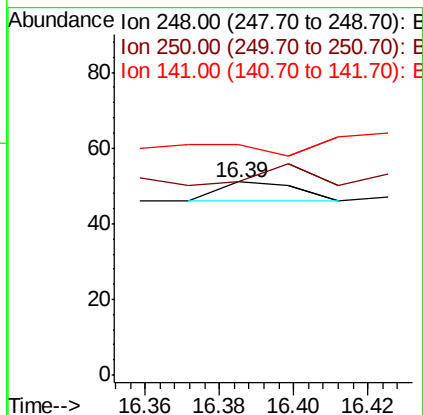
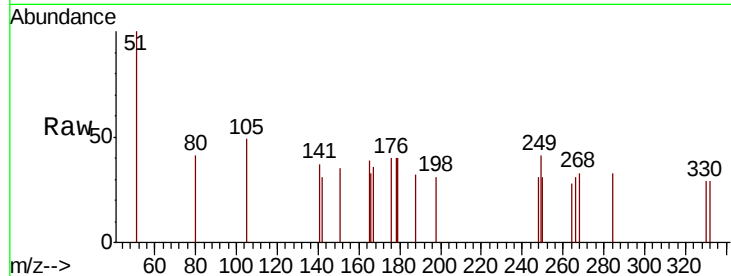
Instrument :

BNA_E

ClientSampleId :

PB117525BL

Tgt Ion:	248	Resp:	7
Ion	Ratio	Lower	Upper
248	100		
250	100.0	84.2	126.2
141	119.6	21.8	32.6#



#21

Hexachlorobenzene

Concen: 0.002 ng

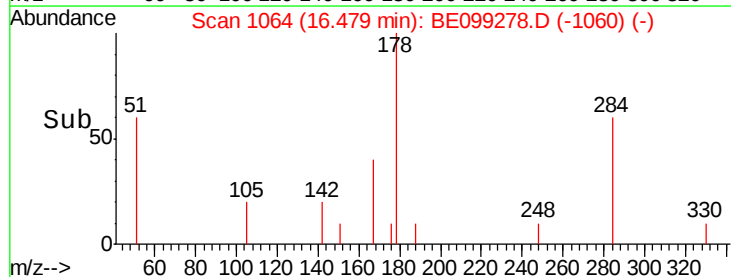
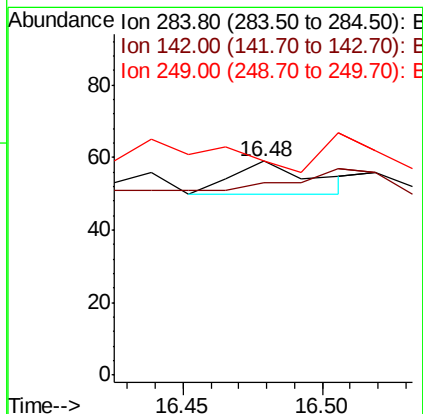
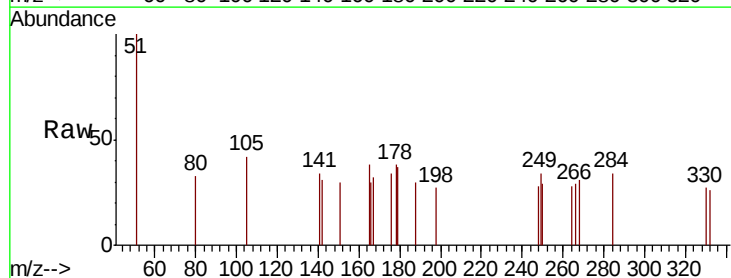
RT: 16.48 min Scan# 1064

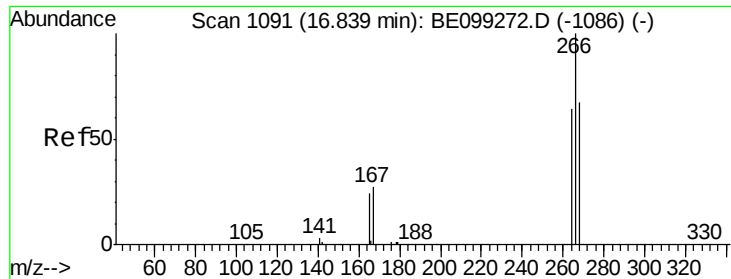
Delta R.T. -0.04 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Tgt Ion:	284	Resp:	18
Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.7	34.1#
249	0.0	26.9	40.3#





#22

Pentachlorophenol

Concen: 0.005 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

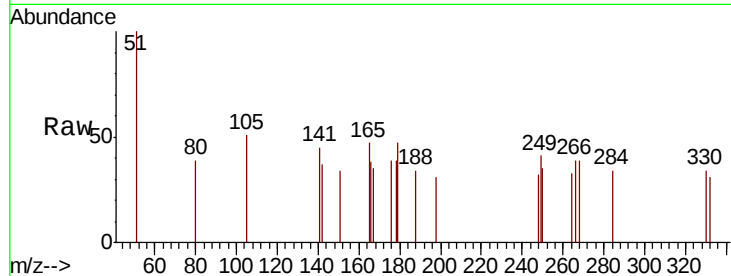
Tgt Ion: 266 Resp: 26

Ion Ratio Lower Upper

266 100

264 84.7 54.4 81.6#

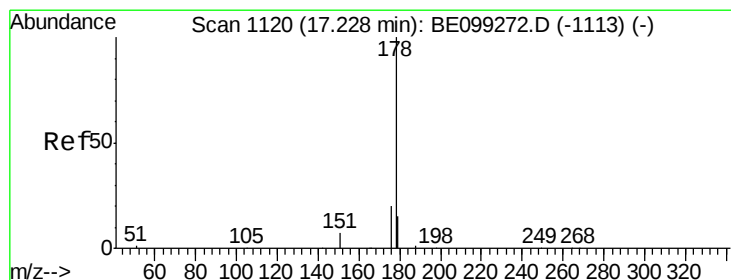
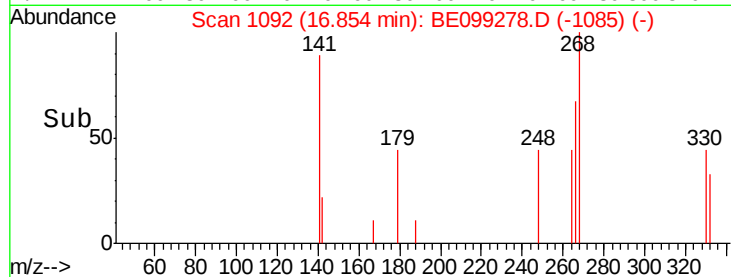
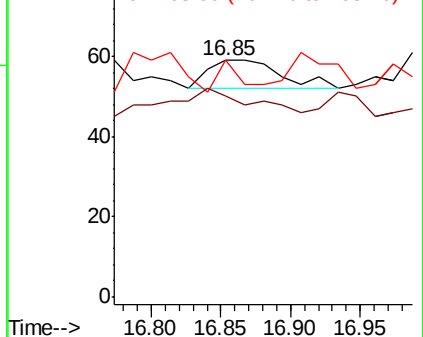
268 100.0 61.3 91.9#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.003 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

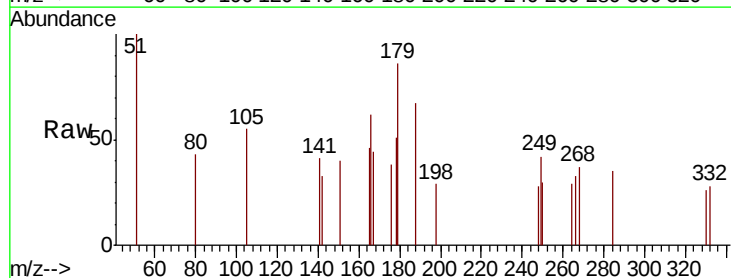
Tgt Ion: 178 Resp: 141

Ion Ratio Lower Upper

178 100

176 15.6 15.4 23.2

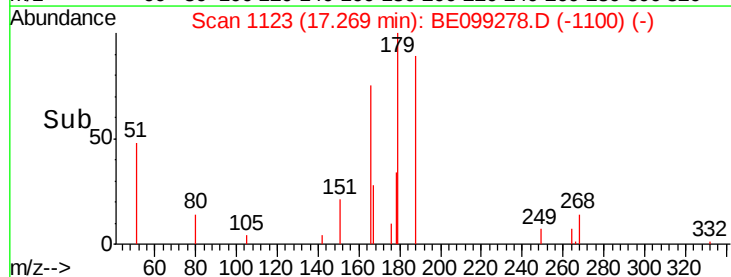
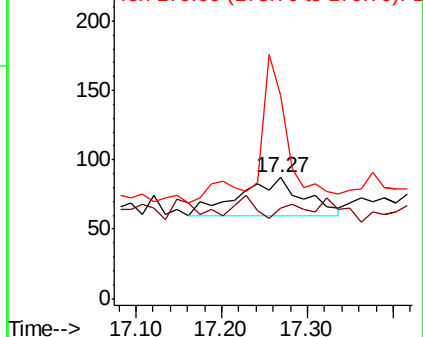
179 0.0 12.3 18.5#

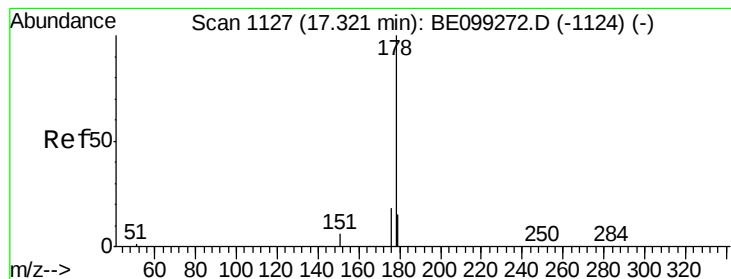


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.000 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

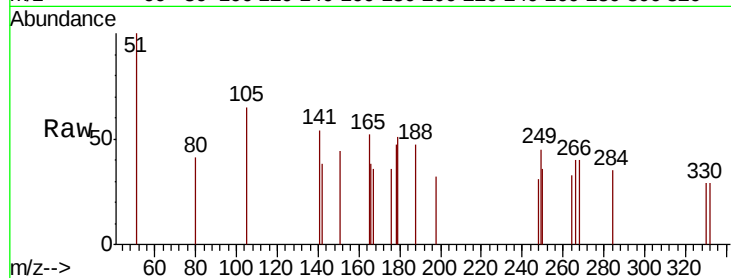
Tgt Ion:178 Resp: 14

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

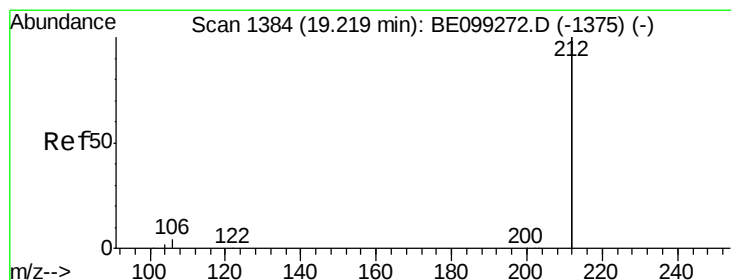
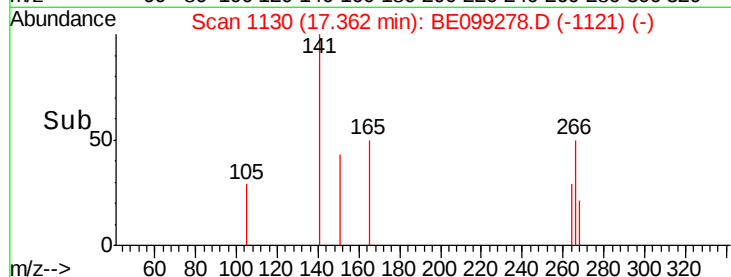
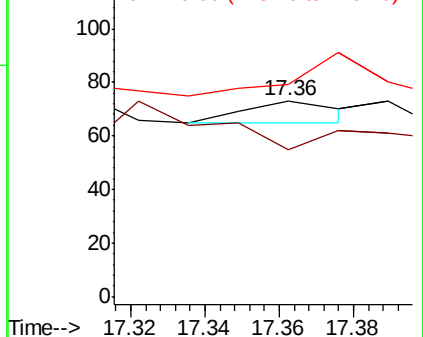
179 185.7 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.257 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

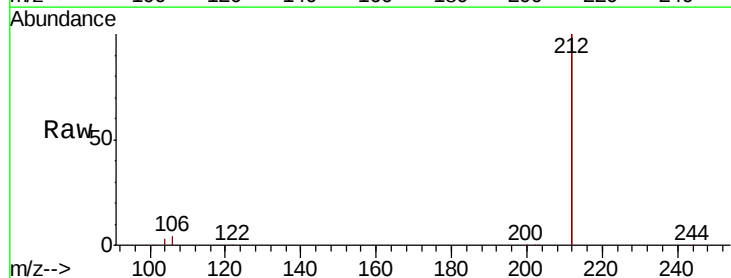
Tgt Ion:212 Resp: 73561

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

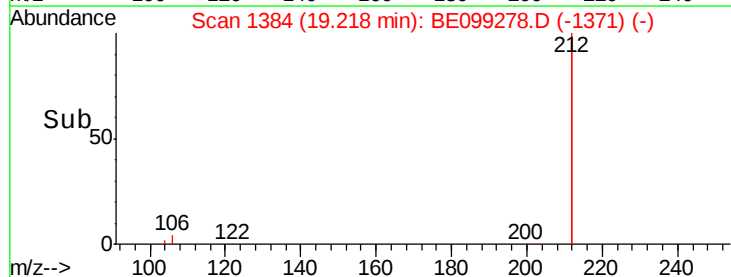
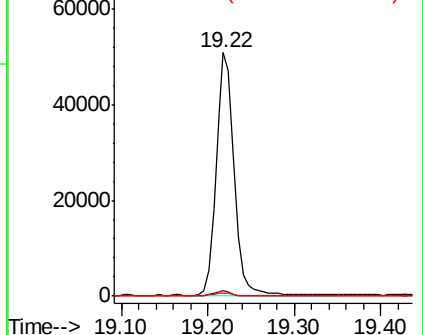
104 1.2 1.1 1.7

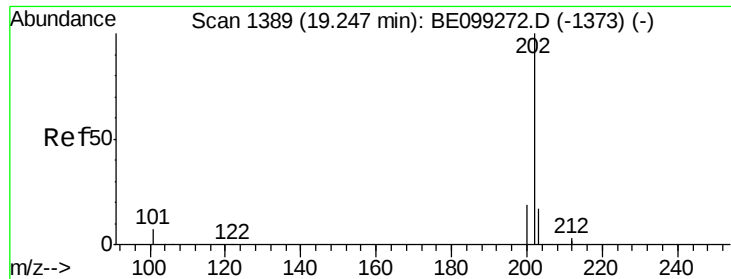


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

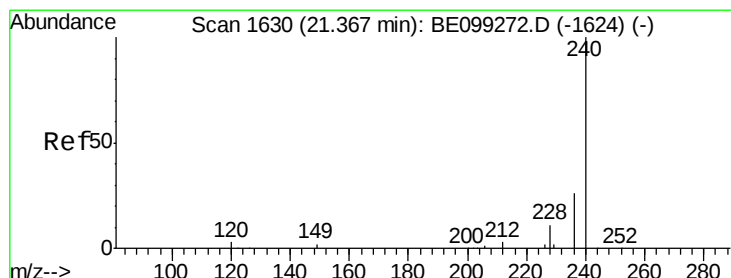
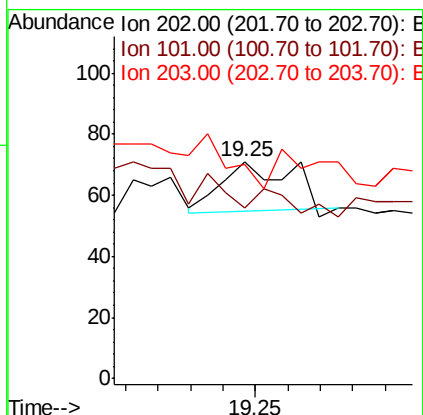
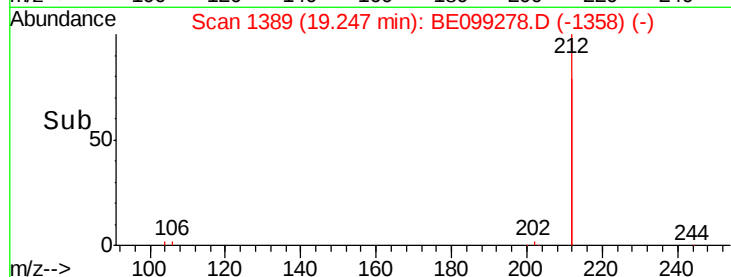
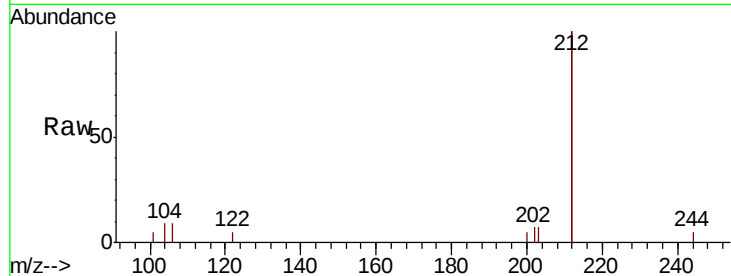




#26
 Fluoranthene
 Concen: 0.000 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BE099278.D
 Acq: 2 Apr 2019 17:34

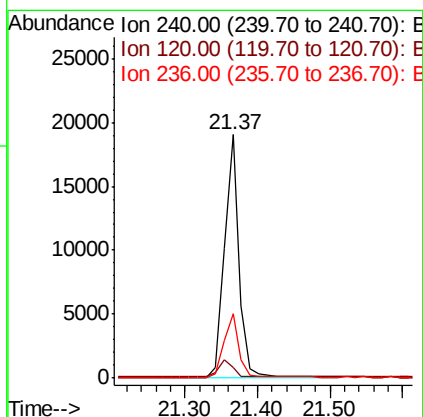
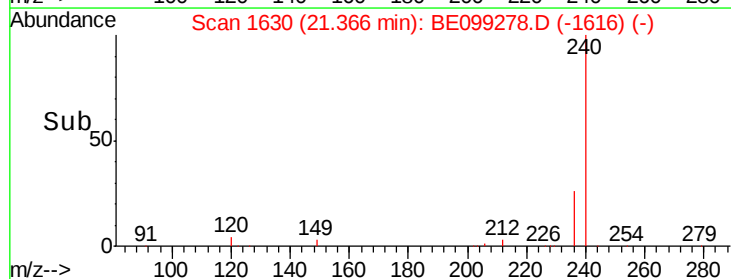
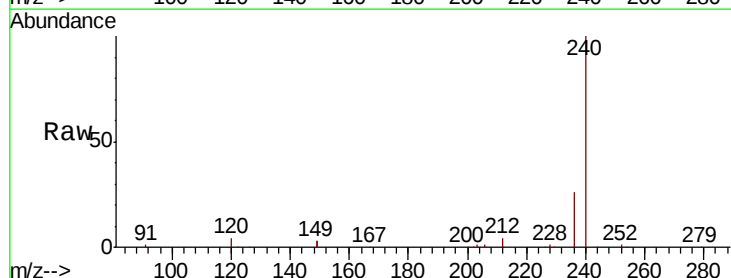
Instrument :
 BNA_E
 ClientSampleId :
 PB117525BL

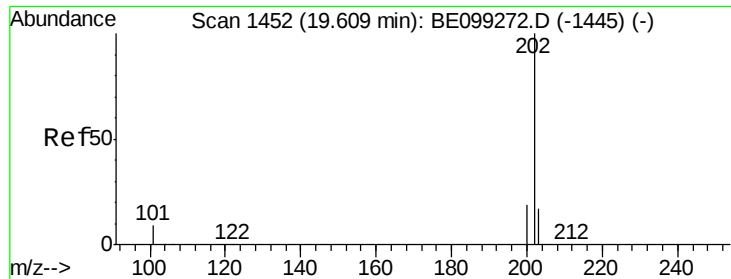
Tgt Ion:202 Resp: 23
 Ion Ratio Lower Upper
 202 100
 101 0.0 7.0 10.4#
 203 60.9 13.8 20.6#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BE099278.D
 Acq: 2 Apr 2019 17:34

Tgt Ion:240 Resp: 26948
 Ion Ratio Lower Upper
 240 100
 120 4.3 2.6 3.8#
 236 26.2 20.9 31.3





#28

Pyrene

Concen: 0.001 ng

RT: 19.61 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

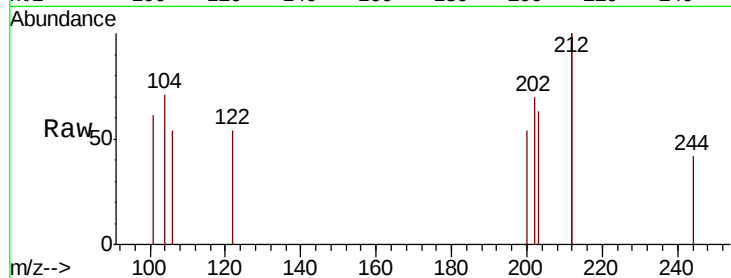
Tgt Ion:202 Resp: 42

Ion Ratio Lower Upper

202 100

200 16.7 15.8 23.8

203 23.8 14.1 21.1#

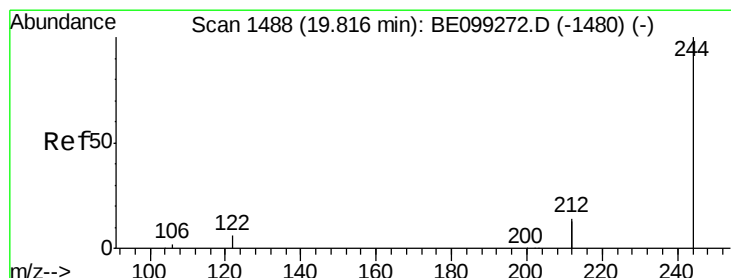
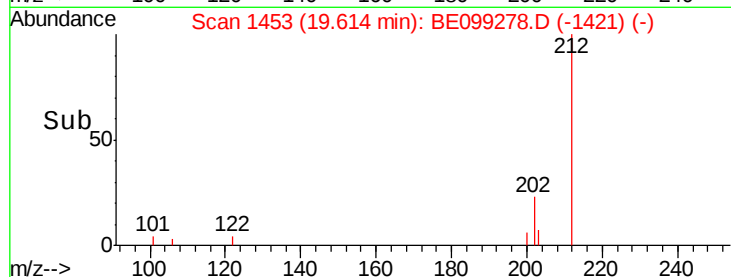
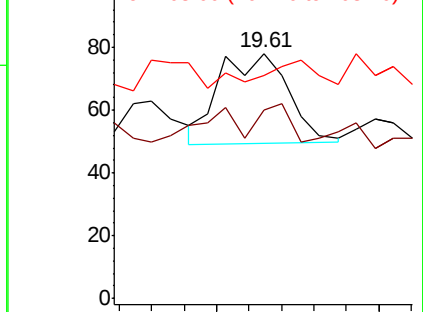


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.258 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

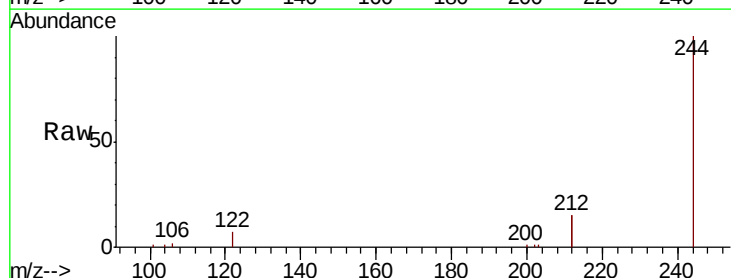
Tgt Ion:244 Resp: 12678

Ion Ratio Lower Upper

244 100

212 30.4 22.7 34.1

122 6.7 5.8 8.6

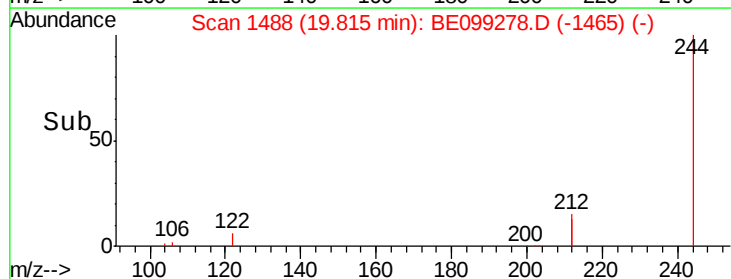
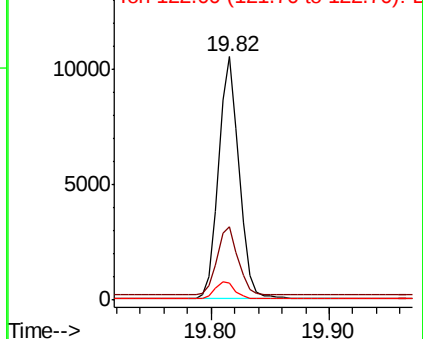


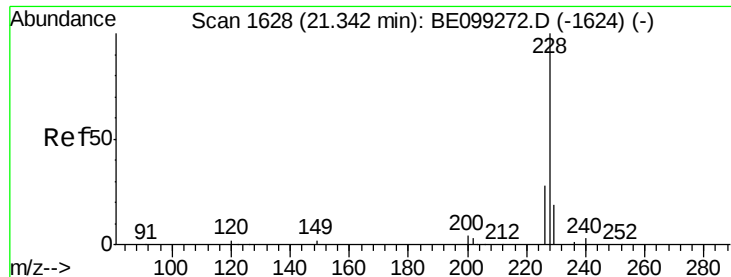
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

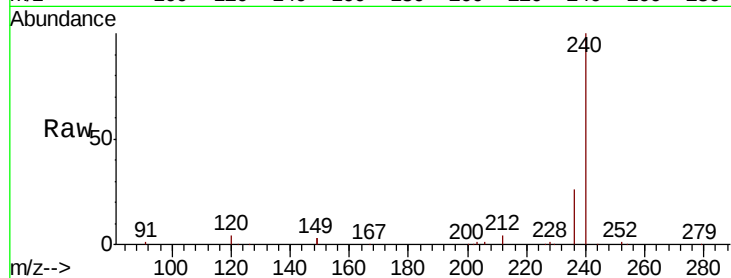
Tgt Ion:228 Resp: 236

Ion Ratio Lower Upper

228 100

226 52.0 21.7 32.5#

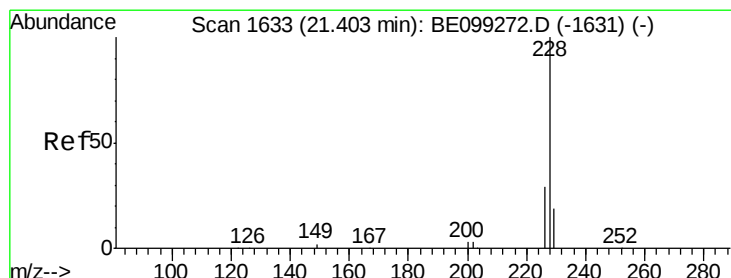
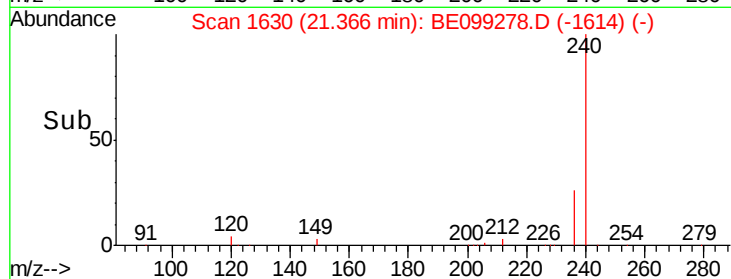
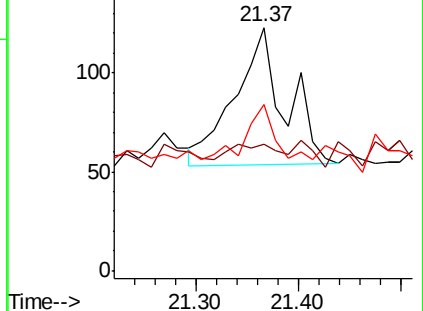
229 68.3 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.003 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.05 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

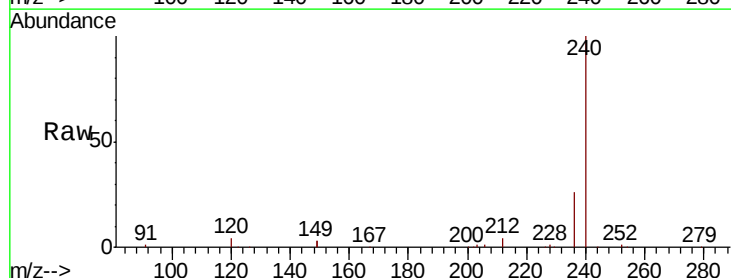
Tgt Ion:228 Resp: 211

Ion Ratio Lower Upper

228 100

226 52.0 24.8 37.2#

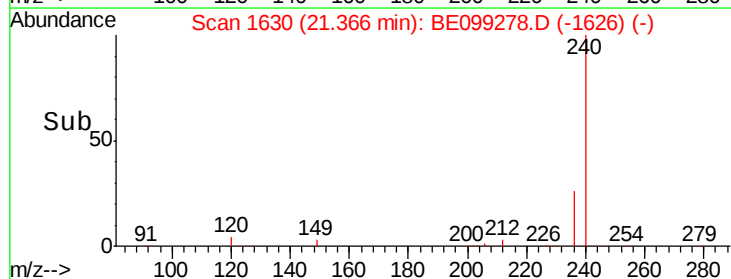
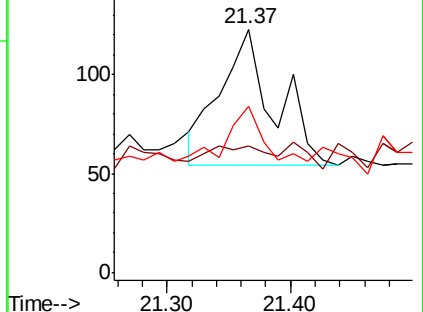
229 68.3 15.4 23.0#

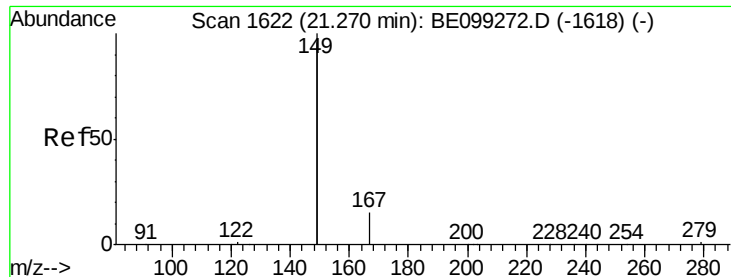


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.007 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

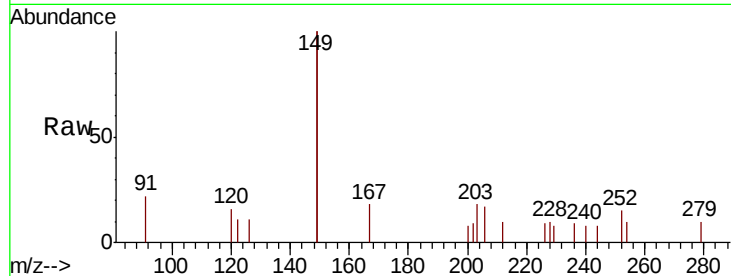
Tgt Ion:149 Resp: 719

Ion Ratio Lower Upper

149 100

167 18.6 5.9 8.9#

279 9.5 1.0 1.6#

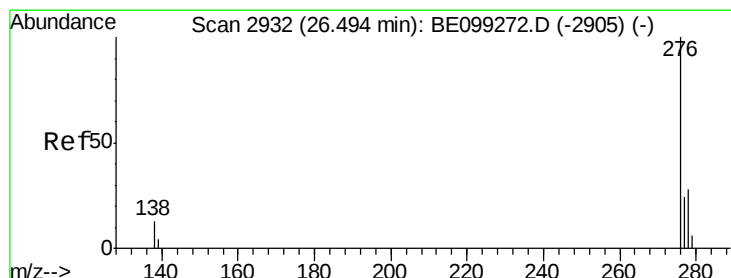
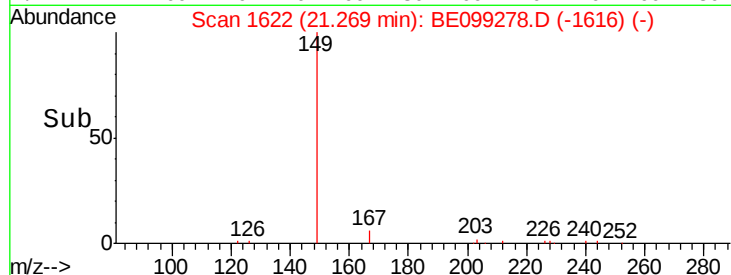
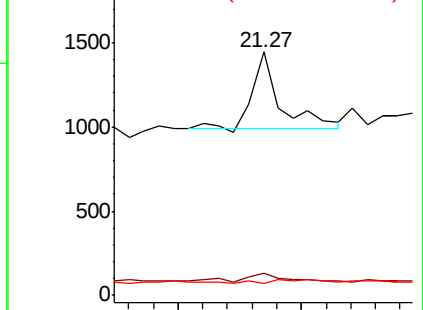


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.51 min Scan# 2936

Delta R.T. -0.05 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

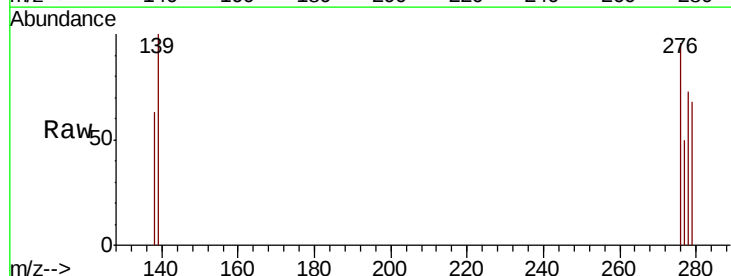
Tgt Ion:276 Resp: 181

Ion Ratio Lower Upper

276 100

138 107.7 12.9 19.3#

277 0.0 18.3 27.5#

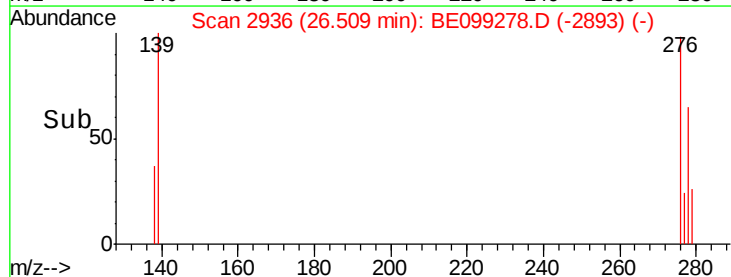
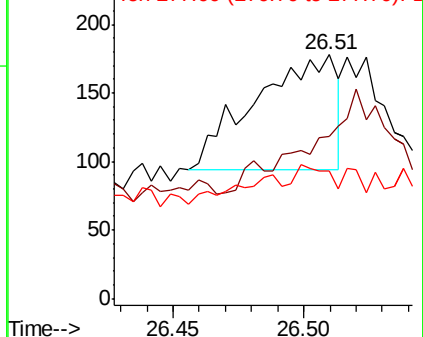


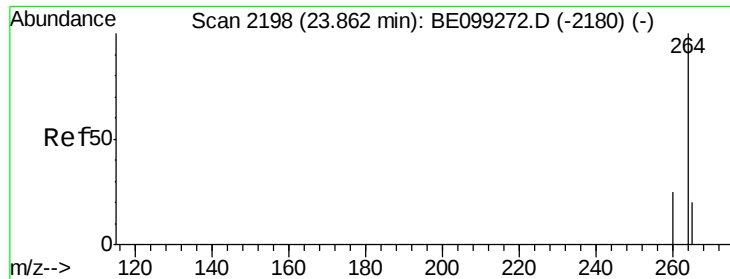
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



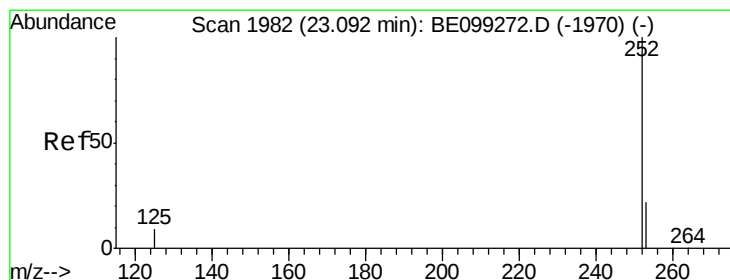
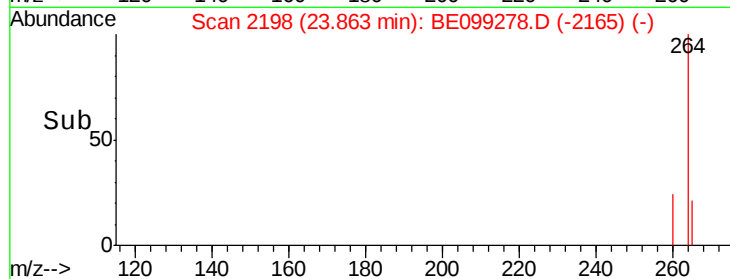
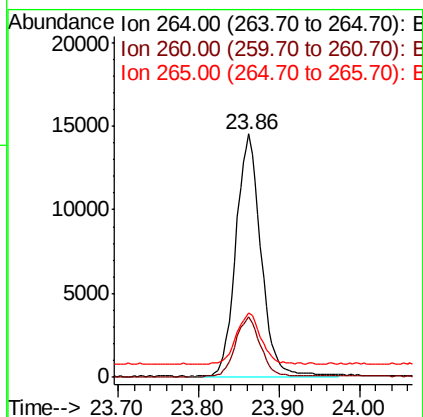
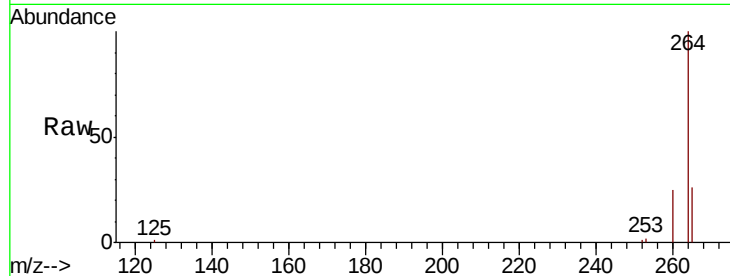


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BE099278.D
Acq: 2 Apr 2019 17:34

Instrument :
BNA_E
ClientSampleId :
PB117525BL

Tgt Ion: 264 Resp: 31093

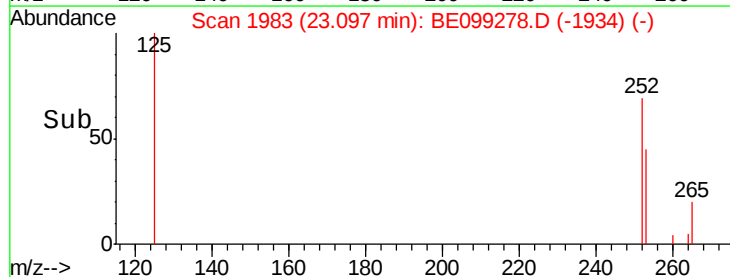
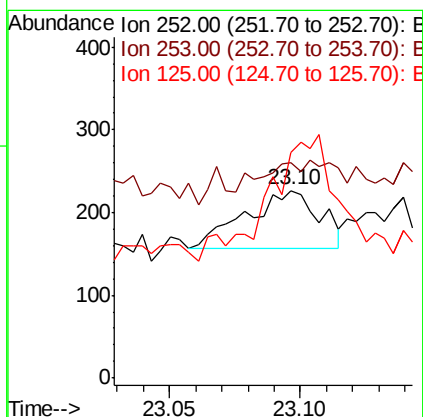
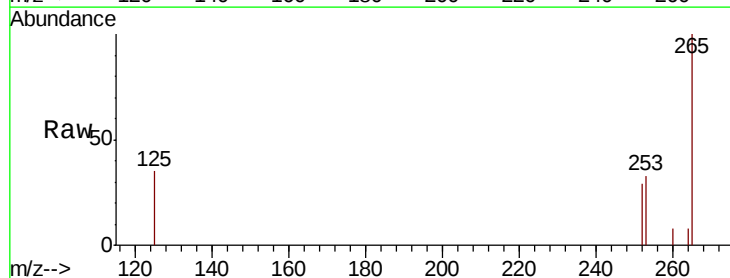
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	26.5	21.8	32.8

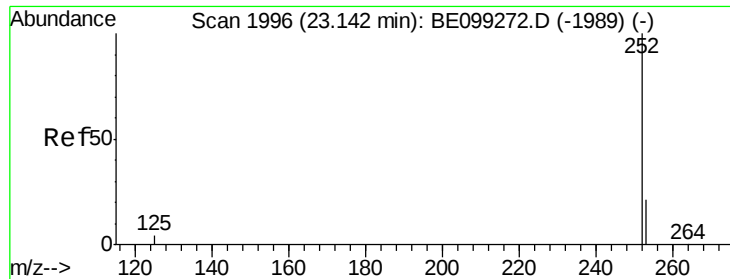


#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BE099278.D
Acq: 2 Apr 2019 17:34

Tgt Ion: 252 Resp: 136

Ion	Ratio	Lower	Upper
252	100		
253	115.0	17.8	26.8#
125	119.8	6.1	9.1#





#36

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 23.10 min Scan# 1983

Delta R.T. -0.07 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

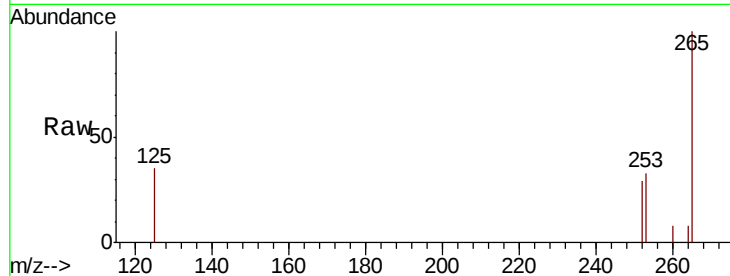
Tgt Ion: 252 Resp: 136

Ion Ratio Lower Upper

252 100

253 115.0 17.8 26.6#

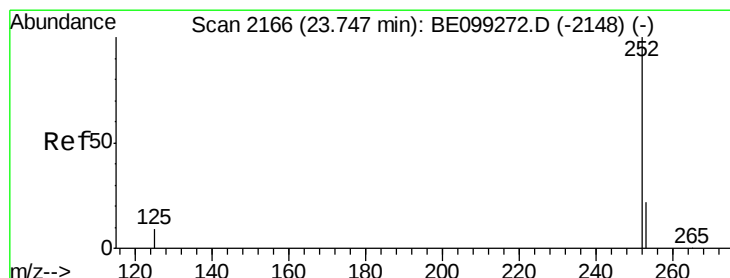
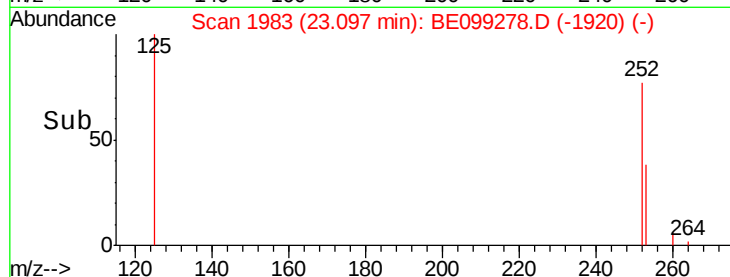
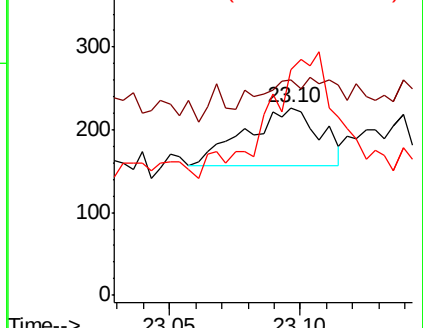
125 119.8 5.9 8.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.002 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

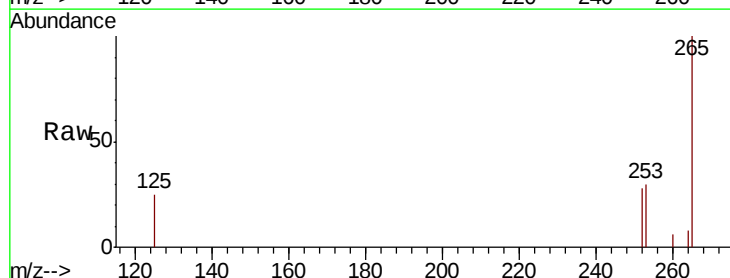
Tgt Ion: 252 Resp: 184

Ion Ratio Lower Upper

252 100

253 106.6 18.1 27.1#

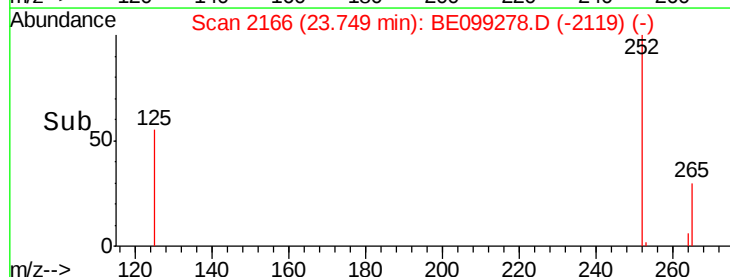
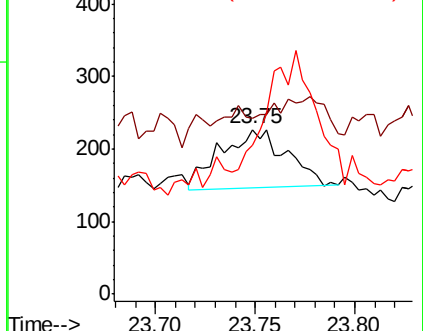
125 90.3 6.8 10.2#

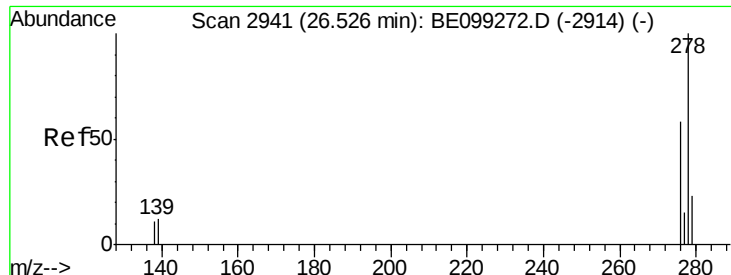


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 26.53 min Scan# 2941

Delta R.T. -0.06 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

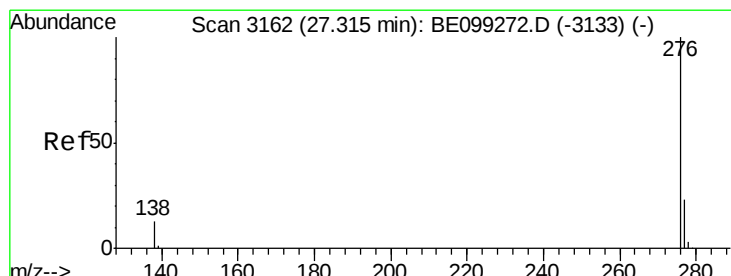
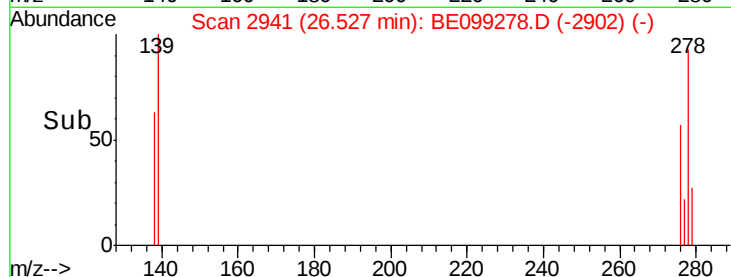
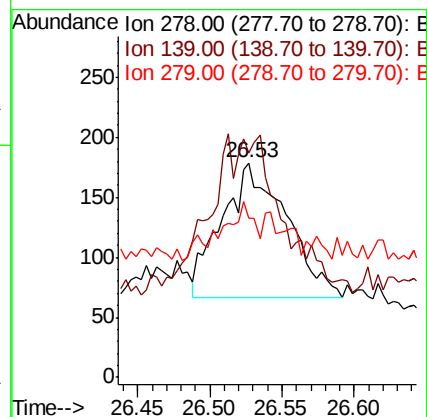
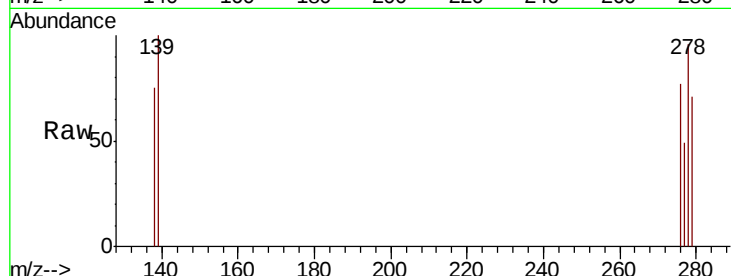
Tgt Ion:278 Resp: 344

Ion Ratio Lower Upper

278 100

139 104.5 9.5 14.3#

279 74.3 19.1 28.7#



#39

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.30 min Scan# 3159

Delta R.T. -0.07 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Tgt Ion:276 Resp: 74

Ion Ratio Lower Upper

276 100

277 54.8 19.0 28.4#

138 54.8 11.1 16.7#

